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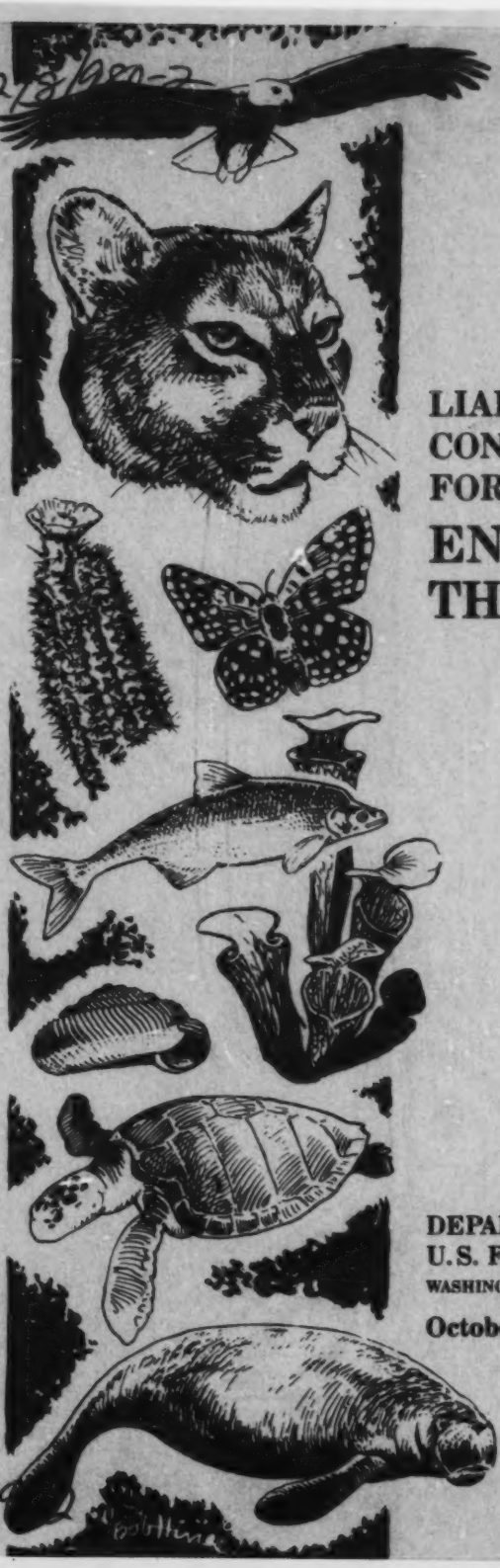

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LIAISON CONSERVATION DIRECTORY FOR ENDANGERED AND THREATENED SPECIES

DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE
WASHINGTON, D.C. 20240

October 1980

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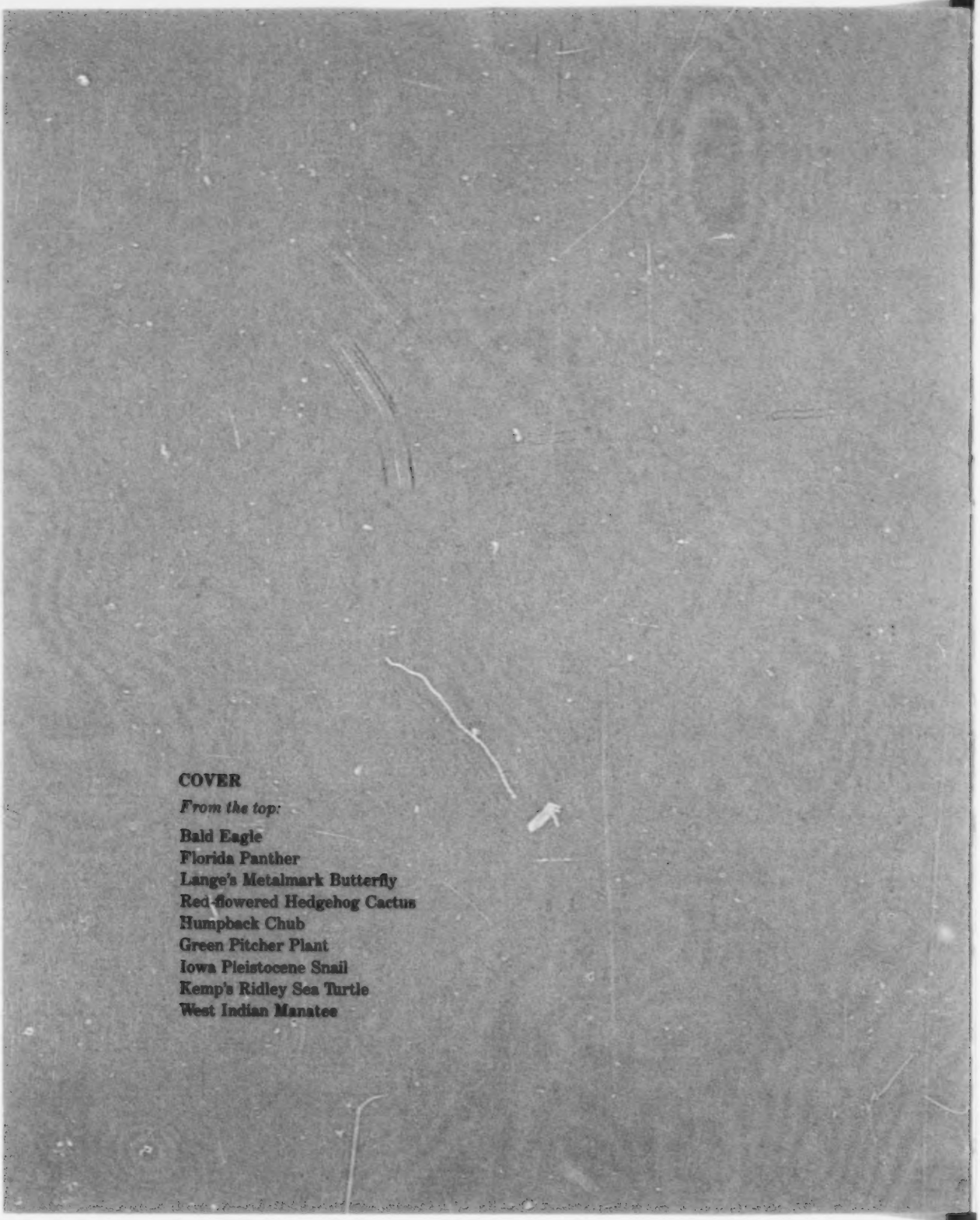

COVER

From the top:

Bald Eagle
Florida Panther
Lange's Metalmark Butterfly
Red-flowered Hedgehog Cactus
Humpback Chub
Green Pitcher Plant
Iowa Pleistocene Snail
Kemp's Ridley Sea Turtle
West Indian Manatee

LIAISON CONSERVATION DIRECTORY

FOR

ENDANGERED AND THREATENED SPECIES

Compiled by

Office of Endangered Species
U.S. Fish and Wildlife Service

U.S. Department of the Interior

October 1980

This is the fourth edition of our Conservation Directory. We urge all of the agencies and organizations listed herein to inform us promptly of changes in names and addresses of designated contacts so that we may keep this a useful and up-to-date directory. For those agencies or organizations where no representative has been listed, please forward this missing information to:

Editors
Liaison Conservation Directory
Office of Endangered Species
U.S. Fish and Wildlife Service
Department of the Interior
Washington, D.C. 20240

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ENDANGERED AND THREATENED SPECIES

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LIAISON CONSERVATION DIRECTORY FOR ENDANGERED AND THREATENED SPECIES

INTRODUCTION

This fourth edition of the Liaison Conservation Directory for Endangered and Threatened Species is compiled as a tool to assist implementation of the U.S. Fish and Wildlife Service Endangered Species Program. The goal of this Program is to "to stop endemic plant and animal endangerments and extinctions caused by man's influence on wild ecosystems and to restore the species to the point where they are no longer Threatened or Endangered." We provide this Directory as a personnel handbook for biologists, administrators, and other conservation-minded persons to facilitate joint efforts to cooperate in achieving the Program goal.

The Federal Program for endangered species conservation has assumed an increasingly broad scope over the past 15 years. The first Federal action program for endangered species took the form of a Rare and Endangered Species Committee, organized by the Service. This group published a series of "Red Books" of Threatened Wildlife of the United States, the first one being published in 1964. The first legislation passed specifically for endangered species was the Endangered Species Preservation Act of 1966. This Act provided only for the preservation of native endangered species. It required the Service to prepare and maintain an official Endangered species list. The first list, containing 72 entries, was published in March of 1967.

While the Service was authorized by this Act to expend funds for the management of listed species and to use Land and Water Conservation Funds to acquire habitat for Endangered species, it gave no authority to prohibit taking, trade, or other potentially harmful acts. An Office of Endangered Species, staffed by two persons, was established in 1966 to help implement this Act.

During this period the research program for endangered species gained momentum in the Service. Essentially, it began in 1965 with an effort to restore the whooping crane (Grus americana) through captive propagation at Monte Vista National Wildlife Refuge (Colorado). Later the program shifted to the Wildlife Center in Patuxent, Maryland, where it now provides a facility for research on nine species in addition to the whooping crane.

The 1966 legislation was amended with the passage of the Endangered Species Conservation Act of 1969. The Service was thereby given authority to list foreign animal species and to restrict their import. This Act, however, still offered no protection for native Endangered species. The Program continued expansion, however, and, by 1973, the Office of Endangered Species' staff totaled 16. On December 28 of the same year, the Endangered Species Act of 1973 was signed into law.

READEX FICHE

The 1973 Act is far more comprehensive than the 1969 Act. It provides protection for all animals and plants (the 1969 Act addressed only vertebrates, mollusks, and crustaceans). It recognizes a Threatened, as well as an Endangered, status category, thus establishing authority to protect Threatened species before the danger of extinction becomes grave. It addresses animal populations, whereas the 1969 Act recognized no category below subspecies; and, for the first time, it provides native Endangered species with real protection backed by tough penalties for violators. Under the provisions of Section 7, the 1973 Act mandates Federal employees and agencies to take positive action toward protection of Endangered and Threatened species, wherever found on lands controlled by them. Furthermore, the 1973 Act implemented the Convention on International Trade in Endangered Species of Wild Fauna and Flora, and the Convention on Nature Protection and Wildlife Preservation in the Western Hemisphere.

On November 10, 1978, the 1973 Act was amended by the Endangered Species Act Amendments of 1978. These Amendments provide a mechanism for the exemption of certain Federal projects from the requirements of Section 7 of the Act. This section requires that Federal actions do not jeopardize the continued existence of listed species or destroy or adversely modify their Critical Habitat. Applications for exemptions may be considered, however, only if made by Federal agencies, by Governors in affected States, or by persons whose permit or license applications have been denied primarily because of the application of Section 7 to a Federal agency's actions. These Amendments authorize the President to exempt proposed actions in major disaster areas; require an exemption if the Secretary of Defense finds it necessary for reasons of national security; and authorize the Secretary of State to block an exemption if it would violate an international obligation of the United States. Also, the 1978 Amendments require Federal consideration of economic impact in the determination of Critical Habitat. Exclusion of areas from Critical Habitat determinations can be authorized in certain circumstances by the Secretary of the Interior for economic reasons.

The 1978 Amendments further: (1) make major changes in the procedures for listing and determining Critical Habitat; (2) revise the definition for "species" to exclude populations of invertebrates; (3) require the development and implementation of Recovery Plans for listed species, unless the plans will not promote a species' conservation; (4) authorize use of the Land and Water Conservation Funds to acquire habitat for Endangered or Threatened plants; and (5) authorize Cooperative Agreements for plants with State conservation agencies under terms similar to those previously prescribed for animals alone.

Technical amendments to the Act, which were passed by Congress on December 28, 1979, require Federal agencies to confer with the Service on species proposed for listing and to conduct biological assessments for any activity for which they desire to obtain a permanent exemption as

(provided in the 1978 Amendments). The 1979 Amendments also increase the effective period of emergency listings, require that guidelines be developed for the Program's petitioning and priority system processes, and make organizational changes in the management of the U.S. membership in the Convention (CITES).

As of December 31, 1979, the Interior Department, through the Endangered Species Program, has raised the number of listed species to just over 700; 36 States have entered into Cooperative Agreements with the Service; and about 130 species have become beneficiaries of specific recovery planning efforts; Critical Habitat determinations have been designated for 35 species and hundreds of formal and informal consultations have been held with other Federal agencies in compliance with Section 7 of the Act.

The Office of Endangered Species (U.S. Fish and Wildlife Service) will continue to seek the assistance of those listed in the Liaison Directory with regard to such objectives as (1) the listing/delisting process for Endangered and Threatened species; (2) the procurement of current population data on these species; (3) the appointment of species' Recovery Teams, and (4) the preparation of Environmental Assessments or impact statements.

Over 250 Federal, State-Territorial, and private conservation organizations are listed in the Directory. With minor exceptions, each organization has designated a staff member to serve as its liaison with the Fish and Wildlife Service's Office of Endangered Species. (This Office is not to be a bypass or a replacement for the regular channels within the Fish and Wildlife Service offices, but serves as the coordinator and communication link at the National level.)

The Office of Endangered Species publishes a monthly newsletter, the Endangered Species Technical Bulletin. Persons listed in the Liaison Directory will receive this publication. Reciprocation of informative materials from the Directory organizations will facilitate the continued development of a cooperative and coordinated Endangered Species Program.

We wish to thank all of our liaison persons, and so many others, who have given us invaluable assistance and cooperation over the past years. If we can be of assistance to you, please contact us at the addresses listed at the beginning of this Directory.

OFFICE OF ENDANGERED SPECIES, FEDERAL WILDLIFE PERMIT OFFICE

DIVISION OF LAW ENFORCEMENT, REGIONAL OFFICES

U.S. FISH AND WILDLIFE SERVICE

U.S. DEPARTMENT OF THE INTERIOR

The Fish and Wildlife Service, a unit of the U.S. Department of the Interior, has been delegated the main responsibility for coordinating national and international efforts on behalf of Endangered Species.

In the case of marine species, however, actions are taken in cooperation with the Secretary of Commerce, through the Director of the National Marine Fisheries Service (Liaison listed on page 8). Similarly, in the area of import/export enforcement for Endangered plants, Interior cooperates with and is assisted by the Department of Agriculture through the Animal and Plant Health Inspection Service (Liaison listed on page 7).

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Telephone: 703/235-2771, 2

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Telephone: 703/235-1975, 6, 7

Mr. David Wesley, Chief, Branch of Management Operations
Telephone: 703/235-2760, 1, 2

Mr. John Murphy, Chief, Branch of Program and Administrative Services
Telephone: 703/235-2407, 8, 9

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Mr. Richard M. Parsons, Chief
Federal Wildlife Permit Office
U.S. Fish and Wildlife Service
1000 North Glebe Road
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Telephone: 703/235-1937, 8, 9

Mailing Address for Federal Wildlife Permit Office

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Washington, D.C. 20240

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Division of Law Enforcement
U.S. Fish and Wildlife Service
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Washington, D.C. 20036
Telephone: 202/343-9242

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Washington, D.C. 20036

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Branch of Investigations
Telephone: 202/343-9242

Mr. Marshall Stinnett, Special-Agent-in-Charge
Branch of Regulations and Rulings
Telephone: 202/343-9242

Staff: Office of the Scientific Authority

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Office of the Scientific Authority
U.S. Fish and Wildlife Service
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Washington, D.C. 20006
Telephone: 202/653-5948, 49, 50

Mailing Address for Office of the Scientific Authority

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18th and C Streets, NW.
Washington, D.C. 20240

Regional Endangered Species Coordinators:

The U.S. Fish and Wildlife Service is comprised of six Regional Offices and an Alaska Area Office. (See map on inside back cover for geographic boundaries.) Each office has a senior official who has been designated as a Regional Endangered Species Coordinator. Additionally, each of the regions has several Area Offices. Problems of a local nature should be referred to these offices.

Region 1 Regional Director Attention: Mr. David B. Marshall
Endangered Species Specialist
U.S. Fish and Wildlife Service
Suite 1692, Lloyd 500 Building
500 NE. Multnomah Street
Portland, Oregon 97232
Telephone: 503/231-6131 (FTS: 8/429-6131)

Area Managers

California/Nevada
Room E2740, Federal Building
2800 Cottage Way
Sacramento, California 95825
Telephone: 916/484-4664 (FTS: 8/468-4664)

Endangered Species Office: 916/440-2791 (FTS: 8/448-2791)

Idaho/Oregon
4620 Overland Road, Room 238
Boise, Idaho 83705
Telephone: 208/384-1069 (FTS: 8/554-1069)

Endangered Species Office: 208/384-1806 (FTS: 8/554-1806)

Washington
Building "A", 2625 Parkmont Lane
Olympia, Washington 98502
Telephone: 206/753-9578 (FTS: 8/434-9578)

Hawaii Administrator
300 Ala Moana Boulevard, Room 5302
P.O. Box 50167
Honolulu, Hawaii 96850
Telephone: 808/546-5608 (FTS: 8/546-5608)

Region 2 Regional Director Attention: Mr. Jack Woody
Endangered Species Specialist
U.S. Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103
Telephone: 505/766-3972 (FTS: 8/474-3972)

Area Managers

Arizona/New Mexico
2953 West Indian School Road
Phoenix, Arizona 85017
Telephone: 602/241-2487 (FTS: 8/261-2487)

Oklahoma/Texas
Federal Building, Room G-121
300 E. 8th Street
Austin, Texas 78701
Telephone: 512/397-5434 (FTS: 8/734-5434)

Region 3 Regional Director Attention: Mr. James M. Engel
Endangered Species Specialist
U.S. Fish and Wildlife Service
Federal Building, Fort Snelling
Twin Cities, Minnesota 55111
Telephone: 612/725-3596 (FTS: 8/725-3596)

Area Managers

Indiana/Michigan/Ohio
202 Manly Miles Building
1405 South Harrison Road
East Lansing, Michigan 48823
Telephone: 517/337-6608 (FTS: 8/374-6608)

Illinois/Minnesota/Wisconsin
530 Federal Building and U.S. Court House
316 N. Robert Street
St. Paul, Minnesota 55101
Telephone: 612/725-7641 (FTS: 8/725-7641)

Region 4 Regional Director Attention: Mr. Alex B. Montgomery
Endangered Species Specialist
U.S. Fish and Wildlife Service
The Richard B. Russell Federal Building
75 Spring Street, SW.
Atlanta, Georgia 30303
Telephone: 404/221-3583 (FTS: 8/242-3583)

Area Managers

Florida/Georgia/Puerto Rico/Virgin Islands
15 North Laura Street
Jacksonville, Florida 32202
Telephone: 904/791-2267 (FTS: 8/946-2267)

Alabama/Arkansas/Louisiana/Mississippi
Providence Capitol Building, Suite 300
200 E. Pascagoula Street
Jackson, Mississippi 39201
Telephone: 601/969-4900 (FTS: 8/490-4900)

Kentucky/North Carolina/South Carolina/Tennessee
Plateau Building, Room A-5
50 South French Broad Avenue
Asheville, North Carolina 28801
Telephone: 704/258-2850 ext. 321 (FTS: 8/672-0321)

Region 5 Regional Director Attention: Mr. Paul Nickerson
Endangered Species Specialist
U.S. Fish and Wildlife Service
Suite 700, One Gateway Center
Newton Corner, Massachusetts 02158
Telephone: 617/965-5100 ext. 316 (FTS: 8/829-9316, 7, 8)

Area Managers

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Annapolis, Maryland 21401
Telephone: 301/269-6324 (FTS: 8/922-4197)

Connecticut/Maine/Vermont/Massachusetts
New Hampshire/Rhode Island
P.O. Box 1518
Concord, New Hampshire 03301
Telephone: 603/224-9558, 9 (FTS: 8/834-4717)

New Jersey/New York/Pennsylvania/West Virginia
100 Chestnut Street, Room 310
Harrisburg, Pennsylvania 17101
Telephone: 717/782-3743 (FTS: 8/590-3743)

Region 6 Regional Director Attention: Mr. Don Rodgers
Endangered Species Specialist
U.S. Fish and Wildlife Service
P.O. Box 25486, Denver Federal Center
Denver, Colorado 80225
Telephone: 303/234-2496 (FTS: 8/234-2496)

Area Managers

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316 North 26th Street
Billings, Montana 59101
Telephone: 406/657-6059 or 6062 (FTS: 8/657-6059)

North Dakota
1500 Capitol Avenue
Bismarck, North Dakota 58501
Telephone: 701/255-4011 ext. 4486 (FTS: 8/783-4486)

Iowa/Kansas/Missouri
Suite 106, Rockcreek Office Building
2701 Rockcreek Parkway
North Kansas City, Missouri 64116
Telephone: 816/374-6166 (FTS: 8/758-6166)

Nebraska/South Dakota
223 Federal Building
P.O. Box 250
Pierre, South Dakota 57501
Telephone: 605/224-8692 (FTS: 8/782-5226)

Colorado/Utah
Room 1311, Federal Building
125 S. State Street
Salt Lake City, Utah 84138
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Endangered Species Specialist
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Anchorage, Alaska 99503
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Director, Office of Grants and
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International Relations Officer
OES/ENR
Office of Natural Resources
Room 7819, New State Department
Washington, D.C. 20520

Agency for International Development

Mr. Albert Printz — 202/632-1036
Environmental Affairs Coordinator
Agency for International Development
Washington, D.C. 20523

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Office of the Assistant Secretary for
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Washington, D.C. 20590

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AEE 110 Noise Abatement Division
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Bureau of Land Management
2800 Cottage Way
Sacramento, California 95825

916/484-4701

San Diego Society of Natural History

Mr. Chris Dawes, Naturalist
San Diego Society of Natural History
Natural History Museum
Post Office Box 1390
San Diego, California 92112

714/232-3821 ext. 41

Shellfish Institute of North America

Mr. Everett A. Tolley
Executive Director
Shellfish Institute of North America
212 Washington Avenue, Suite 9
Baltimore, Maryland 21204

301/821-7860

Smithsonian Institution

Dr. Edward S. Ayensu
Director, Biological Conservation
Smithsonian Institution
Washington, D.C. 20560

202/381-5841

Societas Internationalis De
Plantarum Demographia

Dr. Pat Werner
W. K. Kellogg Biological Station
Michigan State University
Hickory Corners, Michigan 49060

616/671-5117 or 5119

Society for Animal Protective Legislation

Mrs. Christine Stevens, Secretary
Society for Animal Protective Legislation
P.O. Box 3719
Washington, D.C. 20007
202/337-2332

Society for Economic Botany

Mr. C. Earl Smith, Jr., President
Society for Economic Botany
c/o Department of Anthropology
University of Alabama
P.O. Box 6135
University, Alabama 35486
205/348-5947

Society for Range Management

Dr. Floyd Kinsinger
Executive Secretary
Society for Range Management
2760 West 5th Avenue
Denver, Colorado 80204
303/571-0174

Society for the Preservation of Birds of Prey

Mr. J. Richard Hilton, President
Society for the Preservation of Birds of Prey
Box 891
Pacific Palisades, California 90272
213/454-0293

Society for the Study of Amphibians and Reptiles

Mr. Joseph T. Collins
Secretary, Society for the Study of Amphibians and Reptiles
Museum of Natural History
University of Kansas
Lawrence, Kansas 66045
913/864-4920

Society of American Florists

Mr. Jeff MacDonald
Director of Growers Division
Society of American Florists
901 N. Washington Street
Alexandria, Virginia 22314
703/836-8700

Society of American Foresters

Mr. Lloyd W. Swift — 703/820-1033
Society of American Foresters
3432 Greentree Drive
Falls Church, Virginia 22041

Soil Conservation Society of America

Mr. Robert M. Hatcher — 615/741-1517
Tennessee Wildlife Resource Agency
P.O. Box 40747
Nashville, Tennessee 37204

Southeastern Fishes Council

Dr. Carter R. Gilbert — 904/392-6572
Editor, Southeastern Fishes Council
Proceedings
Florida State Museum
University of Florida
Gainesville, Florida 32611

Torrey Botanical Club

Dr. David Fairbrothers — 201/932-2843
Botany Department
Rutgers--The State University
New Brunswick, New Jersey 08903

TRAFFIC (U.S.A.)

Ms. Nicole Duplaix, Director — 202/797-7901
TRAFFIC (U.S.A.)
1601 Connecticut Avenue, NW.
Washington, D.C. 20009

Western Bird Banding Association

Dr. Martha H. Balph — 801/750-2536
Department of Wildlife Science
Utah State University
Logan, Utah 84322

Western Society of Malacologists

Dr. Barry Roth, Liaison — 415/221-5100 ext. 257
Western Society of Malacologists
California Academy of Sciences
San Francisco, California 94118

Whooping Crane Conservation
Association, Inc.

Mr. Jerome Pratt, Secretary-Treasurer — 602/458-0971
Whooping Crane Conservation
Association
3000 Meadowlark Drive
Sierra Vista, Arizona 85635

Wild Canid Survival Center

Mr. Gary Schoenberger — 314/645-4488
Executive Coordinator
Wild Canid Survival Center
Wolf Sanctuary
P.O. Box 20528
St. Louis, Missouri 63139

Wilderness Society, The

Mr. James G. Deane, Editor — 202/828-6600
The Living Wilderness
The Wilderness Society
1901 Pennsylvania Avenue, NW.
2nd Floor
Washington, D.C. 20006

Wildlife Management Institute

Mr. Lonnie Williamson, Editor — 202/347-1774
Outdoor News Bulletin
Wildlife Management Institute
709 Wire Building
Washington, D.C. 20005

The Wildlife Society

Mr. Richard N. Denney — 301/986-8700
Executive Director
The Wildlife Society
7101 Wisconsin Avenue, NW.
Suite 611
Washington, D.C. 20014

Mr. Jim Byford, President — 615/974-7252
Wildlife Society, Southeastern Section
Agricultural Extension Service
University of Tennessee
P.O. Box 1071
Knoxville, Tennessee 37901

Mr. Jack Stout, President
Wildlife Society, Florida Chapter
Department of Biological Sciences
University of Central Florida
Box 25000
Orlando, Florida 32816
305/275-2143

Wilson Ornithological Society, The

Dr. Gustav A. Swanson
Department of Fishery and Wildlife Biology
Colorado State University
Fort Collins, Colorado 80523
303/491-7196

World Wildlife Fund

Mr. Thomas E. Lovejoy
Program Scientist
World Wildlife Fund
1601 Connecticut Avenue, NW.
Suite 800
Washington, D.C. 20009
202/387-0800

Xerces Society, Inc., The

Mr. Larry J. Orsak, President
Department of Entomology
201 Wellman Hall
University of California
Berkeley, California 94720
415/549-3026 (Home)

ENDANGERED SPECIES RECOVERY PLAN CONTACTS
October 1980

Fish and Wildlife Service Regions with recovery team responsibility:

Region 1	- Portland, Oregon	503/231-6131 FTS: 8/429-6131
Region 2	- Albuquerque, New Mexico	505/766-3972 FTS: 8/474-3972
Region 3	- Twin Cities, Minnesota	612/725-3596 FTS: 8/725-3596
Region 4	- Atlanta, Georgia	404/221-3583 FTS: 8/242-3583
Region 5	- Boston, Massachusetts	617/965-5100 ext. 316 FTS: 8/829-9316
Region 6	- Denver, Colorado	303/234-2496 FTS: 8/234-2496
Alaska Area	- Anchorage, Alaska	907/276-3800 FTS: 8/399-0150 (Seattle) ask for 907/276-3800

'AKEPA, Hawaii
Hawaii Forest Birds Recovery Team - Region 1
(Hawaii 'akepa, 'akiapola 'au, 'o'u (Hawaii pop.), Hawaiian creeper)
Dr. Michael Scott
Fish and Wildlife Service
P.O. Box 44
Hawaiian Volcanoes National Park
Volcanoes, Hawaii 96718
Commercial: 808/967-7565

'AKEPA, Maui
Molokai-Maui Forest Birds Recovery Team - Region 1
(Maui 'akepa, Molokai creeper, Maui nukupu'u, Maui parrotbill, Molokai thrush, po'o Uli, crested honeycreeper)
Dr. Cameron B. Kepler
Fish and Wildlife Service
Maui Field Station
248 Kaweo Place
Kula, Maui, Hawaii 96790
Commercial: 808/878-1418

'AKIALOA, Kauai
Kauai Forest Birds Recovery Team - Region 1
(Kauai 'akialoa, Kauai nukupu'u, Kauai 'o'o, 'o'u (Kauai pop.), large Kauai thrush, small Kauai thrush)
Mr. John Sincock
Fish and Wildlife Service
R.R. 1, Box 197
Koloa, Kauai, Hawaii 96756
Commercial: 808/742-1387

'AKIAPOLA 'AU (see 'AKEPA, Hawaii)

ALALA (see Hawaiian Crow)

ALLIGATOR, American
American Alligator Recovery Team - Region 4
Mr. Ted Joanen
Louisiana Department of Wildlife
and Fisheries
Route 1, Box 20-B
Grand Chenier, Louisiana 70643
Commercial: 318/538-3431

ANOLE, Giant
Mr. Ken Chitwood - Region 4
Wildlife Biologist
Fish and Wildlife Service
The Richard B. Russell Federal Building
75 Spring Street, SW.
Atlanta, Georgia 30303
Commercial: 404/221-3580, 3
FTS: 8/242-3583

BAT, Gray
Indiana/Gray Bat Recovery Team - Region 6
Mr. John Brady
Corps of Engineers
St. Louis District
210 North 12th Street
St. Louis, Missouri 63101
Commercial: 314/263-5711

BAT, Indiana (see BAT, Gray)

BEAR, Grizzly
Mr. Wayne Brewster
Fish and Wildlife Service
145 Grand Avenue
Billings, Montana 59101
Commercial: 406/657-6059
FTS: 8/657-6059

BIRD's BEAK, Salt Marsh (Cordylanthus maritimus ssp. maritimus)
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

BOA, Mona (see ANOLE, Giant)

BOBWHITE, Masked (quail)
Masked Bobwhite Recovery Team - Region 2
Mr. Dave Brown
Arizona Game and Fish Department
2222 West Greenway Road
Phoenix, Arizona 85068
Commercial: 602/942-3000 Ext. 233

BONYTAIL, Pahranagat
Mr. Gail Kobetich - Region 1
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

BROAD-BEAN, Hawaii Wild (*Vicia menziesii*)
Dr. Derral Herbst - Region 1
Fish and Wildlife Service
300 Ala Moana Boulevard
Room 5302, P.O. Box 50167
Honolulu, Hawaii 96850
Commercial: 808/546-5608

BROOM, San Clemente Island (*Lotus scoparius* ssp. *traskiae*)
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

BUSHMALLOW, San Clemente Island (*Malacuthamnus clementinus*)
(see BROOM, San Clemente Island)

BUTTERFLY, El Segundo Blue
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

BUTTERFLY, Lange's Metalmark
(see BIRD's BEAK, Salt Marsh)

CHUB, Humpback

Colorado River Fishes Recovery Team - Region 6

(Humpback chub, Colorado River Squawfish, others as listed)

Mr. Kent D. Miller
Fisheries Biologist, Non-game Section
Division of Wildlife Resources
1596 West North Temple
Salt Lake City, Utah 84111
Commercial: 801/533-9333

CONDOR, California

California Condor Recovery Team - Region 1

Mr. David Harlow
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

CONEFLOWER, Tennessee Purple (Echinacea tennesseensis)

Tennessee Purple Coneflower Recovery Team - Region 4

Dr. Paul Somers
Tennessee Heritage Program
Division of Planning and Development
Tennessee Department of Conservation
2611 West End Avenue
Nashville, Tennessee 37203
Commercial: 615/741-3852

COOT, Hawaiian

Hawaiian Waterbirds Recovery Team - Region 1

(Hawaiian coot, Hawaiian stilt, Hawaiian gallinule)

Mr. Ronald L. Walker
Chief, Wildlife Branch
Division of Fish and Game
1151 Punchbowl Street
Honolulu, Hawaii 96813
Commercial: 808/548-5917
FTS: 8/556-9000 (San Francisco) ask for 808/548-5917

CRANE, Mississippi Sandhill

Mississippi Sandhill Crane Recovery Team - - Region 4

Mr. Jacob M. Valentine, Jr.
Gulf Coast Management Biologist
Fish and Wildlife Service
111 East Main Street
Box 4305
Lafayette, Louisiana 70501
Commercial: 318/234-7478
FTS: 8/687-6630

CRANE, Whooping
Whooping Crane Recovery Team - Region 2
Mr. Dave Olsen
Chief, Branch of Operations
Fish and Wildlife Service
Room 2344, Main Interior Building
Washington, D.C. 20240
Commercial: 202/343-4311
FTS: 8/343-4311

CREEPER, Hawaiian (see 'AKEPA, Hawaii)

CREEPER, Molokai (see 'AKEPA, Maui)

CRESS, McDonald's Rock (Arabis mcdonaldiana)
(see BIRD's BEAK, Salt Marsh)

CROCODILE, American
American Crocodile Recovery Team - Region 4
Mr. Paul Moler
Research Biologist
Florida Game and Fresh Water
Fish Commission
Wildlife Research Project Office
4005 South Main Street
Gainesville, Florida 32601
Commercial: 904/376-6481

CROW, Hawaiian (Alala)
Hawaiian Crow Recovery Team - Region 1
Mr. David Woodside
Department of Land and Natural Resources
Hawaii Division of Fish and Game
1151 Punchbowl Street
Honolulu, Hawaii 96813
Commercial: 808/548-5921
FTS: 8/556-9000 (San Francisco) ask for 808/548-5921

CUI-UI
Cui-ui Recovery Team - Region 1
Mr. Don King
Fish and Wildlife Service
4600 Keitzke Lane
Building C
Reno, Nevada 89502
Commercial: 702/784-5227
FTS: 8/470-5227

DACE, Moapa (see BONYTAIL, Pahranagat)

DARTER, Bayou (see ANOLE, Giant)

DARTER, Maryland

Maryland Darter Recovery Team - Region 5

Mr. Charles M. Frisbie
Tidewater Administration
Tidal Fisheries Division
Tawes Building C-2
580 Taylor
Annapolis, Maryland 21401
Commercial: 301/269-3733

DARTER, Okaloosa

Okaloosa Darter Recovery Team - Region 4

Mr. Robert W. Britt
Chief, Natural Resources Division
ADTC/DEN
Eglin Air Force Base, Florida 32542
Commercial: 904/882-4164

DARTER, Snail

Snail Darter Recovery Team - Region 4

Mr. Harold Hurst
Route 1, Box 192
Rutledge, Tennessee 37861
Commercial: 615/828-5206

DARTER, Watercress

Watercress Darter Recovery Team - Region 4

Dr. William "Mike" Howell
Biology Department
Samford University
800 Lakeshore Drive
Birmingham, Alabama 35209
Commercial: 205/870-2844 or 2944

DEER, Columbian White-Tailed

Columbian White-Tailed Deer Recovery Team - Region 1

Mr. C. Fred Martinsen
Washington Department of Game
600 N. Capitol Way
Olympia, Washington 98504
Commercial: 206/753-5728
FTS: 8/434-5728

DEER, Key

Dr. W. D. Klimstra - Region 4
Director, Cooperative Wildlife Research Laboratory
Southern Illinois University
Carbondale, Illinois 62901
Commercial: 618/536-7766

DUCK, Laysan

Laysan Duck Recovery Team - Region 1

Mr. Ernest Kosaka
Fish and Wildlife Service
300 Ala Moana Boulevard, Room 5302
Box 50167
Honolulu, Hawaii 96850
Commercial: 808/546-5608
FTS: 8/556-0220

DUNEGRASS, Eureka (Swallenia alexandrae)

(see BIRD's BEAK, Salt Marsh)

EAGLE, Bald

Bald Eagle Recovery Team (Chesapeake Bay) - Region 5

Mr. Gary Taylor
Maryland Department of Natural Resources
Wildlife Administration
P.O. Box 68
580 Taylor Avenue
Wye Mills, Maryland 21679
Commercial: 301/827-8612
FTS: 8/922-3311

Bald Eagle Recovery Team (Northern States) - Region 3

Dr. James Grier
Zoology Department
North Dakota State University
Fargo, North Dakota 58105
Commercial: 701/237-8444

Bald Eagle Recovery Team (Pacific) - Region 1

Mr. Ronald M. Jurek
Endangered Bird and Mammal Program
California Department of Fish and Game
1416 Ninth Street
Sacramento, California 95814
Commercial: 916/322-1377
FTS: 8/552-1377

Bald Eagle Recovery Team (Southeast) - Region 4

Mr. Thomas M. Murphy
Wildlife and Marine Resources Department
Division of Game and Fresh Water Fisheries
P.O. Box 167
Columbia, South Carolina 29202
Commercial: 803/795-6350, ext. 282; home: 803/844-2473

Bald Eagle Recovery Team (Southwest) - Region 2

Mr. Duane Rubink
Animal Damage Control
Fish and Wildlife Service
2930 W. Fairmount
Phoenix, Arizona 85017
Commercial: 602/261-3656

FALCON, Peregrine

Peregrine Falcon Recovery Team (Alaskan pop.) - Alaska

(American peregrine falcon and Arctic peregrine falcon)

Mr. Donald N. Frickie
Department of Interior
Fish and Wildlife Service
Division of Refuges
Washington, D.C. 20240
Commercial: 202/343-4306

American Peregrine Falcon Recovery Team (Eastern pop.) - Region 5

Mr. Rene M. Bollengier
Fish and Wildlife Service
P.O. Box 1518
55 Pleasant Street
Concord, New Hampshire 03301
Commercial: 603/225-9621
FTS: 8/834-4780

American Peregrine Falcon Recovery Team (Pacific pop.) - Region 1

Mr. Robert D. Mallette
Nongame Wildlife Investigations Section
California Department of Fish and Game
1416 Ninth Street
Sacramento, California 95814
Commercial: 916/445-1146
FTS: 8/465-1146

American Peregrine Falcon Recovery Team (Rocky Mt./Southwest pop.) - Region 6

Mr. Gerald Craig, Team Leader
Colorado Division of Wildlife
P.O. Box 2287
317 West Prospect
Ft. Collins, Colorado 80522
Commercial: 303/482-6575

FERRET, Black-footed

Black-footed Ferret Recovery Team - Region 6

Dr. Raymond L. Linder
South Dakota Cooperative Wildlife
Research Unit
South Dakota State University
Brookings, South Dakota 57006
Commercial: 605/688-6121

FOX, San Joaquin Kit

San Joaquin Kit Fox Recovery Team - Region 1

Mr. John R. Gustafson
California Department of Fish and Game
Endangered Wildlife Program
1416 Ninth Street
Sacramento, California 95814
Commercial: 916/322-1260
FTS: 8/552-1260

GALLINULE, Hawaiian (see COOT, Hawaiian)

GAMBUSIA, Big Bend
Rio Grande Fishes Recovery Team - Region 2
(Big Bend gambusia, Clear Creek gambusia, Pecos gambusia, and Comanche Springs pupfish)
Dr. Clark Hubbs
Department of Zoology
University of Texas
Austin, Texas 78712
Commercial: 512/471-1176

GAMBUSIA, Clear Creek (see GAMBUSIA, Big Bend)

GAMBUSIA, Pecos (see GAMBUSIA, Big Bend)

GOOSE, Aleutian Canada
Aleutian Canada Goose Recovery Team - Alaska
Mr. John L. Martin
Refuge Manager, Aleutian Islands
National Wildlife Refuge
Box 5251
FPO Seattle, Washington 98791
Commercial: 907/579-8418

GOOSE, Hawaiian (Nene)
Hawaiian Goose Recovery Team - Region 1
Mr. Ernest Kosaka
Fish and Wildlife Service
Endangered Species Office
300 Ala Moana Blvd., Rm. 5302
P.O. Box 50167
Honolulu, Hawaii 96850
Commercial: 808/546-5608
FTS: 8/556-0220

HONEYCREEPER, Crested (see 'AKEPA, Maui)

IGUANA, Mona Ground (see ANOLE, Giant)

ISOPOD, Socorro
Dr. James Johnson
Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103
Commercial: 505/766-3972
FTS: 8/474-3972

KILLIFISH, Pahrump

Pahrump Killifish Recovery Team - Region 1

Mr. Gail Kobetich
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

KITE, Everglade

Everglade Kite Recovery Team - Region 4

Mr. Lovett E. Williams, Jr.
Wildlife Biologist
Florida Game and Fresh Water Fish Commission
4005 South Main Street
Gainesville, Florida 32601
Commercial: 904/376-6481

LARKSSPUR, San Clemente Island (Delphinium kinkiense)
(see BROOM, San Clemente Island)

LIVEFOREVER, Santa Barbara Island (Dudleya traskiae)
(see BIRD's BEAK, Salt Marsh)

LIZARD, Blunt-nosed Leopard

Blunt-nosed Leopard Lizard Recovery Team - Region 1

Mr. John Brode
California Department of Fish and Game
Inland Fisheries Branch
1701 Nimbus Road
Rancho Cordova, California 95670
Commercial: 916/355-0842

LIZARD, Island Night (see BROOM, San Clemente Island)

LIZARD, St. Croix Ground (see ANOLE, Giant)

MANATEE, Florida (see MANATEE, West Indian)

MANATEE, West Indian (Florida Manatee)

Florida Manatee Recovery Team - Region 4

Mr. John C. Oberheu
Fish and Wildlife Service
15 North Laura Street
Jacksonville, Florida 32202
Commercial: 904/791-2267
FTS: 8/946-2267

MONKSHOOD, Northern Wild (Aconitum noveboracense)
Mr. James B. Hale - Region 3
Director, Office of Endangered and Non-game Species
Department of Natural Resources
Box 7921
Madison, Wisconsin 53707
Commercial: 608/266-9168

MUSSEL, Fat pocketbook
Upper Mississippi River Bivalves Recovery Team - Region 3
Dr. Edward M. Stern
Department of Biology
University of Wisconsin
Stevens Point, Wisconsin 54481
Commercial: 715/346-2455
FTS: 8/362-1012

MUSSEL, Higgin's eye pearly (See MUSSEL, Fat pocketbook)

NENE (see GOOSE, Hawaiian)

NUKUPU'U, Kauai (see 'AKIALOA, Kauai)

NUKUPU'U, Maui (see 'AKEPA, Maui)

'O'O, Kauai (see 'AKIALOA, Kauai)

OTTER, Southern Sea
Mr. Carl Benz - Region 1
Endangered Species Office
Fish and Wildlife Service
1230 "N" Street, 14th Floor
Sacramento, California 95814
Commercial: 916/440-2791
FTS: 8/448-2791

'O'U (Hawaii pop.) (see 'AKEPA, Hawaii)

'O'U (Kauai pop.) (see 'AKIALOA, Kauai)

PAINTBRUSH, San Clemente Island Indian (Castilleja grisea)
(see BROOM, San Clemente Island)

PALILA
Palila Recovery Team - Region 1
Dr. Andrew Berger
Department of Zoology
University of Hawaii
Honolulu, Hawaii 96822
Commercial: 808/948-8655
FTS: 556-0220 (San Francisco) ask for 808/948-8655

PANTHER, Florida

Florida Panther Recovery Team - Region 4

Mr. Robert C. Belden
Research Biologist
Florida Game and Fresh Water Fish Commission
Wildlife Research Projects Office
4005 South Main Street
Gainesville, Florida 32601
Commercial: 904/376-6481

PARROT, Puerto Rican

Puerto Rican Parrot Recovery Team - Region 4

Dr. Frank H. Wadsworth
Institute of Tropical Forestry
P.O. Box AQ
Rio Piedras, Puerto Rico 00928
Commercial: 309/753-4335

PARROTBILL, Maui (see 'AKEPA, Maui)

PEARLY MUSSEL, Appalachian (see ANOLE, Giant)

PEARLY MUSSEL, Birdwing (see ANOLE, Giant)

PEARLY MUSSEL, Cumberland (see ANOLE, Giant)

PEARLY MUSSEL, Dromedary (see ANOLE, Giant)

PEARLY MUSSEL, Higgin's Eye (Lampsilis higginsi)

Upper Mississippi River Bivalves Recovery Team - Region 3

Dr. Edward M. Stern
Department of Biology
University of Wisconsin
Stevens Point, Wisconsin 54481
Commercial: 715/346-2455
FTS: 362-1012

PEARLY MUSSEL, Tuberculed Blossom (see ANOLE, Giant)

PELICAN, Eastern Brown

Eastern Brown Pelican Recovery Team - Region 4

Mr. Lovett E. Williams, Jr.
Wildlife Biologist
Florida Game and Fresh Water Fish Commission
4005 South Main Street
Gainesville, Florida 32601
Commercial: 904/376-6481

PHACELIA, Argillacea
Mr. John Gill
Fish and Wildlife Service
Federal Building, Room 1311
125 State Street
Salt Lake City, Utah 84138
Commercial: 801/524-4430
FTS: 8/588-4430

PIGEON, Puerto Rican Plain
Puerto Rican Plain Pigeon Recovery Team - Region 4
Mr. James Wiley
Fish and Wildlife Service
Puerto Rico Field Station, PWRC
P.O. Box 21
Palmer, Puerto Rico 00721
Commercial: 809/763-6363
FTS: 8/967-1221 (Overseas op.) ask for 809/763-6363 ext. 335,336, or 558

PIGTOE, Shiny (Fusconaia edgariana) (see ANOLE, Giant)

PIKE, Blue
Blue Pike Recovery Team - Region 3
Mr. Arden J. Trandahl
Spearfish Fisheries Center
R.R. #1, Box 205
Spearfish, South Dakota 57783
Commercial: 605/642-3616

POCKETBOOK, Fat (Potamilus capax) (see PEARLY MUSSEL, Higgin's Eye)

POGOGYNE, San Diego (Pogogyne abramsii) (see BIRD's BEAK, Salt Marsh)

PO'O ULI (see 'AKEPA, Maui)

PRAIRIE CHICKEN, Attwater's Greater
Attwater's Greater Prairie Chicken Recovery Team - Region 2
Dr. Nova Silvy
Texas A&M University
Department of Wildlife and Fisheries Sciences
College Station, Texas 77843
Commercial: 713/845-6751

PRIMROSE, Antioch Dunes Evening (Oenothera deltoides ssp. howellii)
(see BUTTERFLY, Lange's Metalmark)

PRIMROSE, Eureka Evening (Oenothera avita ssp. eurekensis)
(see BIRD's BEAK, Salt Marsh)

PRONGHORN, Sonoran

Sonoran Pronghorn Recovery Team - Region 2

Mr. John S. Phelps
Arizona Game and Fish Department
2222 West Greenway Road
Phoenix, Arizona 85023
Commercial: 602/942-3000

PUPFISH, Comanche Springs (see GAMBUSIA, Big Bend)

PRAIRIE DOG

Mr. Robert Hasenyager
Utah Division of Wildlife Resources
1596 W.N. Temple
Salt Lake City, Utah 84116
Commercial: 801/533-9333

PUPFISH, Devil's Hole

Devil's Hole Pupfish Recovery Team - Region 1

Dr. James E. Deacon
Department of Biological Sciences
University of Nevada
4505 Maryland Parkway
Las Vegas, Nevada 89154
Commercial: 702/739-3399
FTS: 8/598-6011 (Op.) ask for 702/739-3399

PUPFISH, Warm Springs

Warm Springs Pupfish Recovery Team - Region 1

Mr. James Yoakum
Bureau of Land Management
Renewable Resources Center
University of Nevada
1000 Valley Road
Reno, Nevada 89512
Commercial: 702/784-4607
FTS: 8/470-5911 ask for 702/784-4607

RAIL, Light-footed Clapper

Light-footed Clapper Rail Recovery Team - Region 1

Mr. Paul Kelly
(Interim Acting Team Leader)
California Department of Fish and Game
350 Golden Shore
Long Beach, California 90802
Commercial: 213/590-5189

RAIL, Yuma Clapper

Yuma Clapper Rail Recovery Team - Region 2

Mr. Ron Powell
California Department of Fish and Game
P.O. Box B-D
153 S. Broadway
Blythe, California 92225
Commercial: 714/922-5613

RAT, Morro Bay Kangaroo (see OTTER, Southern Sea)

SALAMANDER, Santa Cruz Long-toed
Santa Cruz Long-toed Salamander Recovery Team - Region 1
Mr. John Brode, Acting
California Department of Fish and Game
1701 Nimbus Road
Rancho Cordova, California 95670
Commerical: 916/355-0842
FTS: 8/454-0842

SHEARWATER, Newell's Manx (see 'AKIALOA, Kauai)

SHRIKE, San Clemente Loggerhead (see BROOM, San Clemente Island)

SPARROW, Dusky Seaside
Dusky Seaside Sparrow Recovery Team - Region 4
Dr. James. L. Baker
Wildlife Biologist
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SPARROW, San Clemente Sage (see BROOM, San Clemente Island)

SQUAWFISH, Colorado River (see CHUB, Humpback)

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STILT, Hawaiian (see COOT, Hawaiian)

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THRUSH, Large Kauai (see 'AKIALOA, Kauai)

THRUSH, Molokai (see 'AKEPA, Maui)

THRUSH, Small Kauai (see 'AKIALOA, Kauai)

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TOPMINNOW, Yaqui (see TOPMINNOW, Gila)

TREEFROG, Pine Barrens (see ANOLE, Giant)

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TROUT, Gila

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TURTLE, Green Sea

Marine Turtle Recovery Team (Southeast) - Region 4*

(green sea turtle, hawksbill sea turtle, Kemp's Ridley sea turtle, leatherback sea turtle, loggerhead sea turtle)

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Maitland, Florida 32751
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*Responsibility shared by NMFS and FWS

TURTLE, Hawksbill Sea (see TURTLE, Green Sea)

TURTLE, Kemp's Ridley Sea (see TURTLE, Green Sea)

TURTLE, Leatherback Sea (see TURTLE, Green Sea)

TURTLE, Loggerhead Sea (see TURTLE, Green Sea)

TURTLE, Plymouth red-bellied

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WALLFLOWER, Contra Costa (Erysimum capitatum var. angustatum)

(see BUTTERFLY, Lange's Metalmark)

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Kirtland's Warbler Recovery Team - Region 3

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WOLF, Gray

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WOODPECKER, Red-cockaded

Red-cockaded Woodpecker Recovery Team - Region 4

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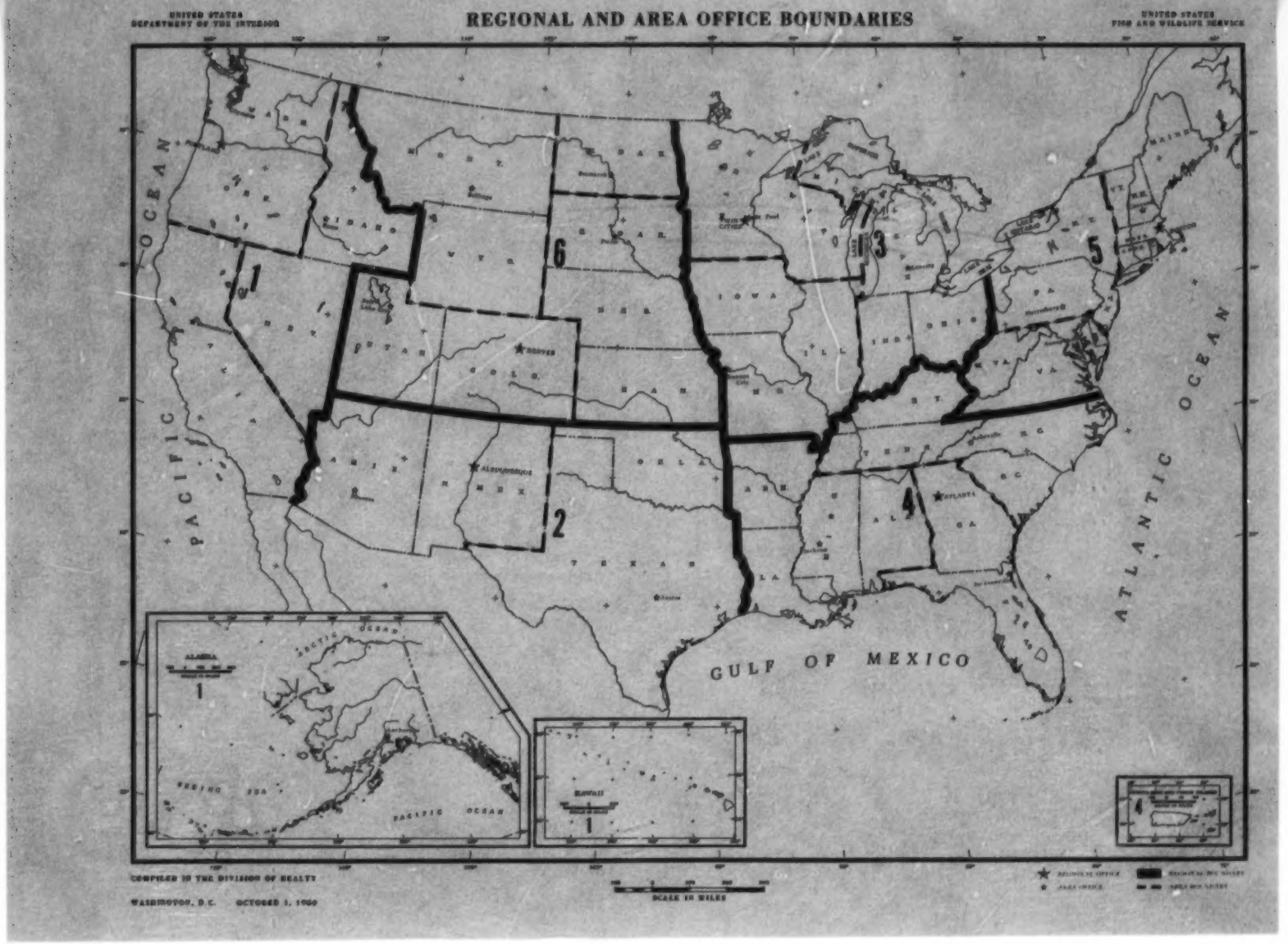
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